



revised 10/29/2008 9:00 AM

**FACILITY COMPLIANCE AUDIT REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

**UNIT TYPE:**

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		<b>COUNTY: Alamance</b> <b>PERMIT NO.: 01-02</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incineration	<b>X</b>	T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Audit:** 10/24/08

**Date of Last Audit:** 4/10/08

**FACILITY NAME AND ADDRESS:**

Stericycle, Inc.  
1168 Porter Avenue  
Haw River, North Carolina 27258

**GPS COORDINATES:** N: 36.06564 E: 79.34915

**FACILITY CONTACT NAME AND PHONE NUMBER:**

J.W. Hill, Area Manager-Environmental, Safety & Health  
336-578-8900 ext.23  
email address: [jhill@stericycle.com](mailto:jhill@stericycle.com)

**FACILITY CONTACT ADDRESS:**

SAME

**AUDIT PARTICIPANTS:**

J.W. Hill, Stericycle, Inc.  
Chris Marriott, NCDENR-SWS

**STATUS OF PERMIT:**

Original Permit Issued: January 31, 1991  
Permit Modification Issued: January 9, 1998  
Permit Renewal (Name change & Revised Operation Plan): September 15, 2003  
Permit Review Date: September 15, 2008

**PURPOSE OF AUDIT:**

Partial Audit

**NOTICE OF VIOLATION(S):**

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**STATUS OF PAST NOTED VIOLATIONS:**

None

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**AREAS OF CONCERN AND COMMENTS:**

- 1) The facility is a medical waste treatment operation consisting of two incinerators. The site typically operates 24 hours per day, 7 days a week. Exceptions to this schedule are for scheduled maintenance and repair down time.
- 2) The facility accepts non-hazardous waste consisting of regulated medical waste, unregulated medical waste, controlled substances seized by law enforcement, chemotherapeutic waste, health care industry documents, USDA-APHIS international waste, and pharmaceuticals.
- 3) There is no defined service area for the facility in the Solid Waste Permit. The facility typically receives waste from all 100 North Carolina counties and approximately 15-20 additional states.
- 4) **Permit review date was September 15, 2008. A request for review was made by Stericycle, Inc. Please continue to communicate with the Ed Mussler, Permitting Branch Supervisor, on any further required submittals needed for permit renewal.**
- 5) Reviewed training logs for facility employees.
- 6) At the time of inspection both incinerator #1 and incinerator #2 were in operation. The facility was processing approximately 1800 pounds per hour per unit. Both incinerators have a maximum charge rate of 1911 pounds per hour. The week of September 23-30, 2008 the average charge was 1700 pounds per hour.
- 7) A review of facility operating records the week of September 23-30, 2008, indicated that temperatures exceeded the minimum of 1200 degrees F. for the primary chamber, and 1800 degrees F. in the secondary chamber. A check of the readouts during the visit indicated temperatures above the minimum operating temperatures.
- 8) Ash generated by the incinerator is processed through a water squelch, then transferred to a 20 yard container, dewatered, and shipped to Upper Piedmont Landfill in Rougemont, NC.
- 9) Reviewed the September 2008 ash sampling report.
- 10) Conducted a tracking check of manifest for a waste container. Records indicated processing and treatment within 48 hours of arrival on the facility property.
- 11) There is no storage of medical waste inside the building. All waste is processed directly from incoming refrigerated trailers.
- 12) All wastewater generated inside the facility is collected via floor drains and processed on-site through a pre-treatment facility prior to discharge to the City of Graham WWTP.

Please contact me if you have any questions or concerns regarding this audit report.



Chris Marriott  
Environmental Senior Specialist  
*Regional Representative*

Phone: 336-771-5090

Delivered on : <u>October 29, 2008</u> by		Hand delivery	<input checked="" type="checkbox"/>	email		Certified No. <input type="checkbox"/>
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cc: Mark Poindexter, Field Operations Branch Supervisor  
Jason Watkins, Central District Supervisor  
Ed Mussler, Permitting Branch Supervisor